*FIG. 1*
*PRIOR ART*

TITLE: STARTUP PROTOCOL FOR HIGH
THROUGHPUT COMMUNICATIONS ...
INVENTOR: AGAZZI
APPLICATION NO.: UNASSIGNED,
CONF. NO.     ; DOCKET NO. 13479US04
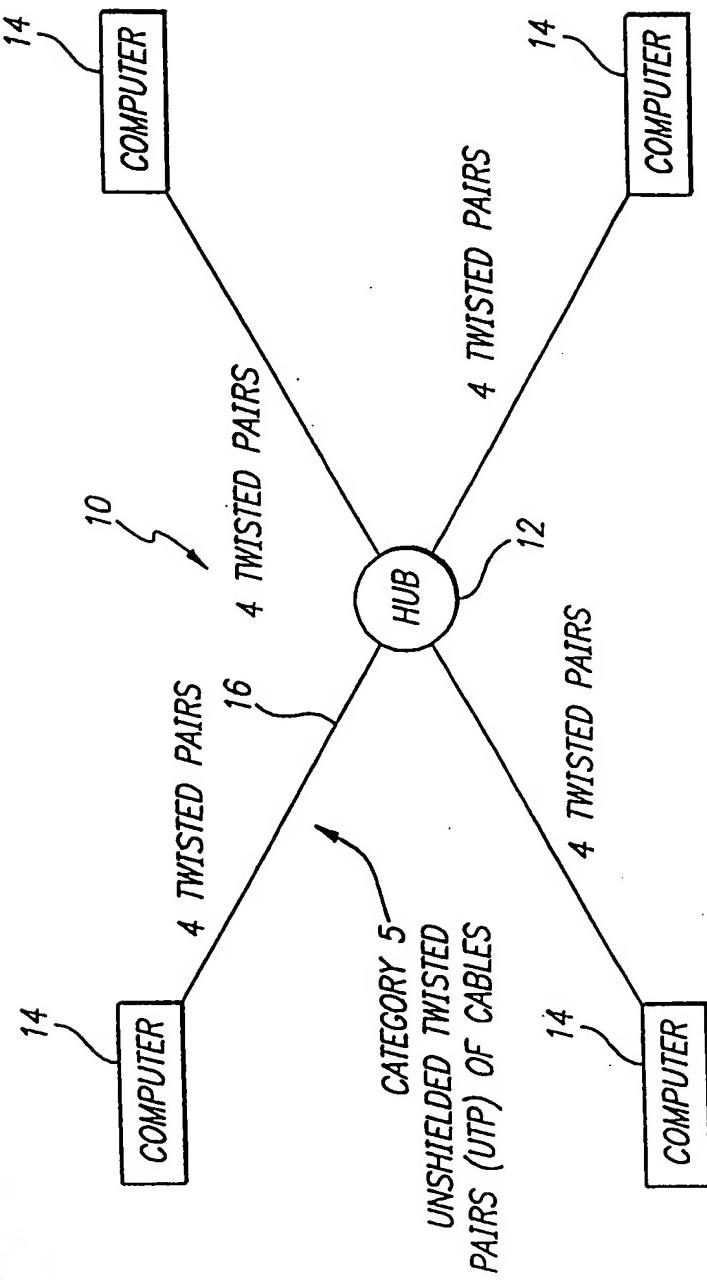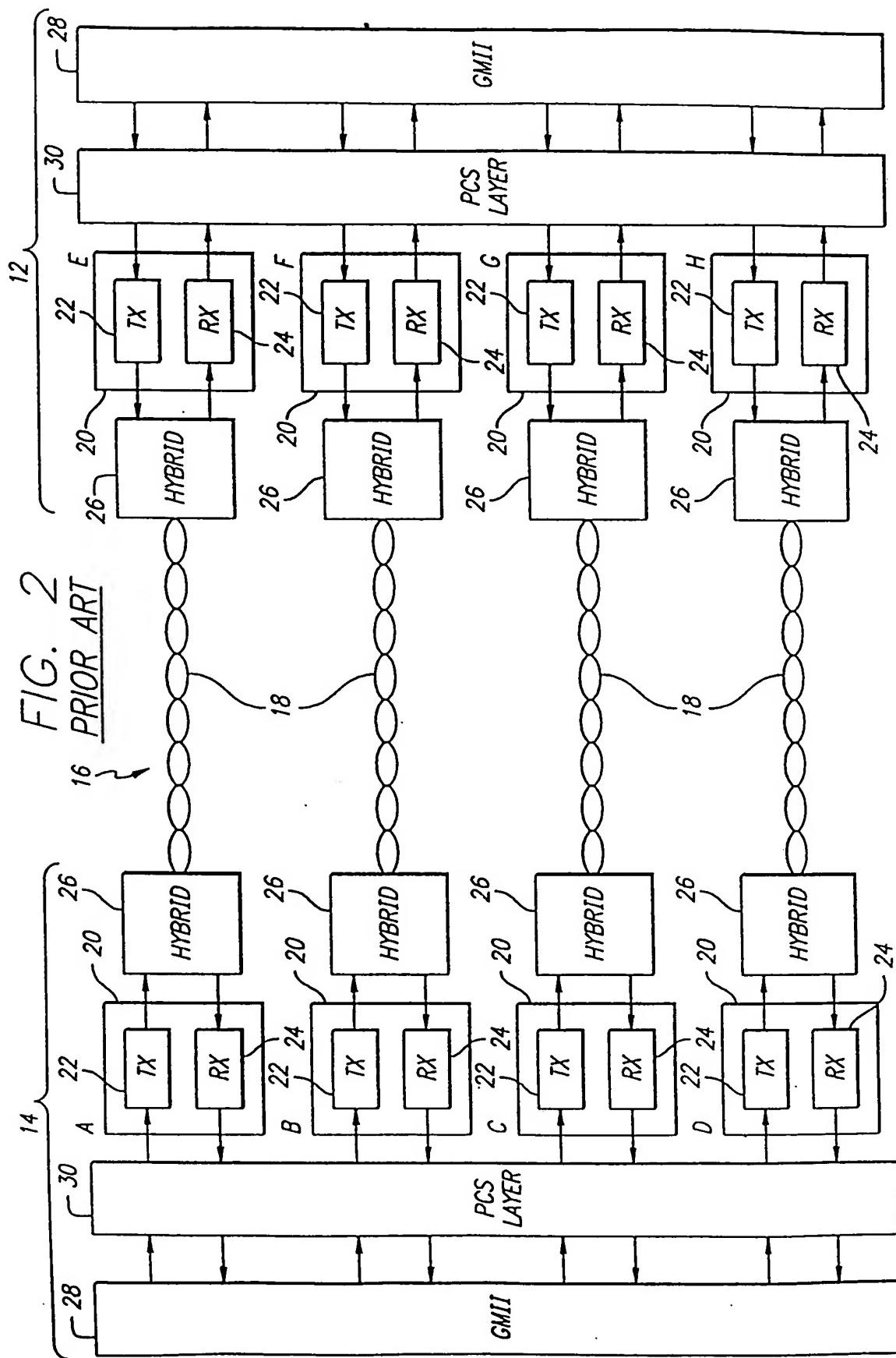ATTORNEY: JAW, PHONE: 312-775-8000



*FIG. 2*
*PRIOR ART*

TITLE: STARTUP PROTOCOL FOR HIGH
THROUGHPUT COMMUNICATIONS ...
INVENTOR: AGAZZI
APPLICATION NO.: UNASSIGNED,
CONF. NO.     ; DOCKET NO. 13479US04
ATTORNEY: JAW, PHONE: 312-775-8000



FIG. 3

TITLE: STARTUP PROTOCOL FOR HIGH
THROUGHPUT COMMUNICATIONS ...
INVENTOR: AGAZZI
APPLICATION NO.: UNASSIGNED,
CONF. NO.     ; DOCKET NO. 13479US04
ATTORNEY: JAW, PHONE: 312-775-8000

*FIG. 4*

TITLE: STARTUP PROTOCOL FOR HIGH
THROUGHPUT COMMUNICATIONS ...
INVENTOR: AGAZZI
APPLICATION NO.: UNASSIGNED,
CONF. NO.    ; DOCKET NO. 13479US04
ATTORNEY: JAW, PHONE: 312-775-8000
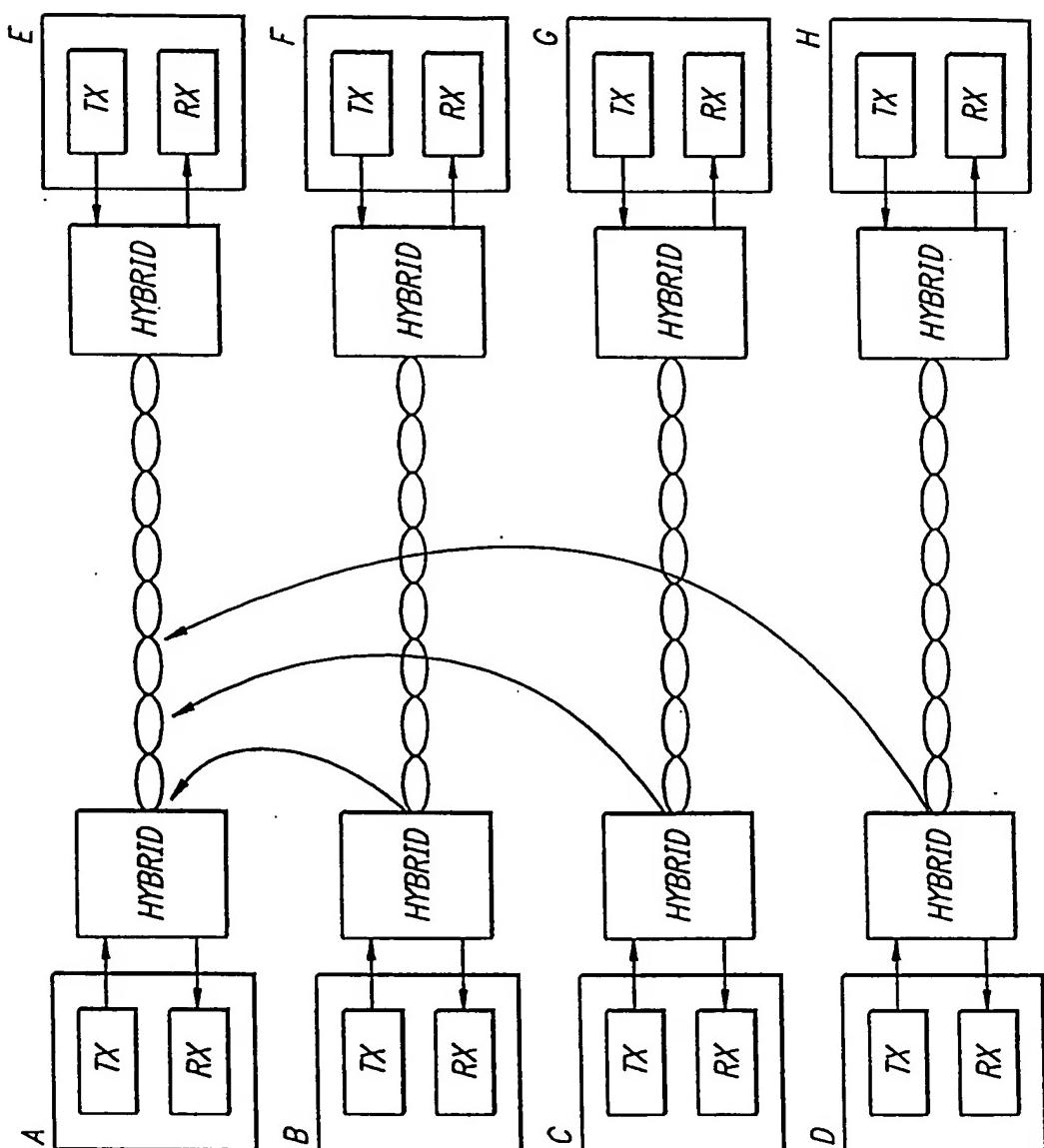
FIG. 5

TITLE: STARTUP PROTOCOL FOR HIGH
THROUGHPUT COMMUNICATIONS ...
INVENTOR: AGAZZI
APPLICATION NO.: UNASSIGNED,
CONF. NO.     ; DOCKET NO. 13479US04
ATTORNEY: JAW, PHONE: 312-775-8000
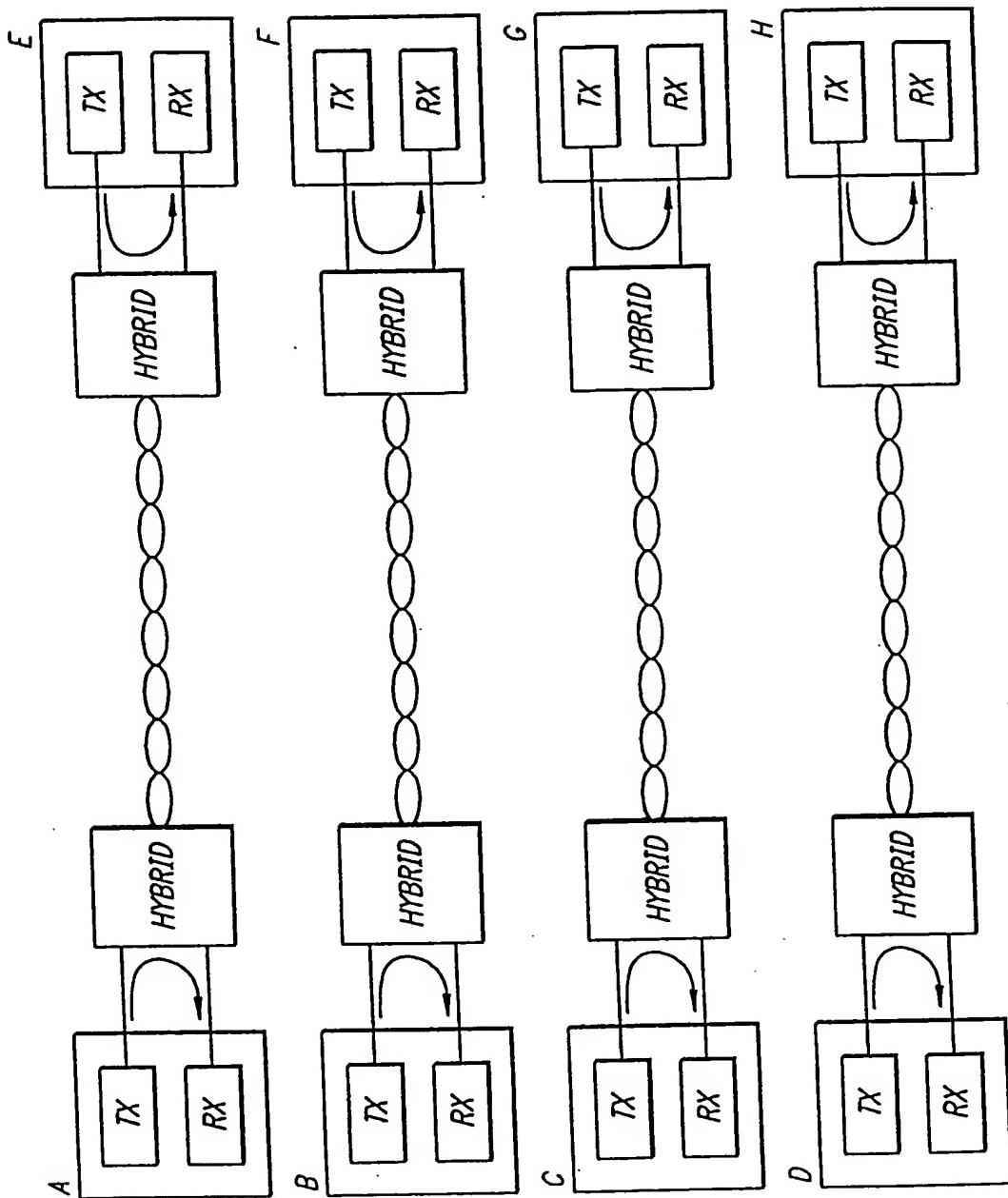


Fig. 6
PRIOR ART

TITLE: STARTUP PROTOCOL FOR HIGH
THROUGHPUT COMMUNICATIONS ...
APPLICATION NO.: UNASSIGNED,
CONF. NO.    ; DOCKET NO. 13479US04
DOCKET NO. 13479US04
ATTORNEY: JAW, PHONE: 312-775-8000

FIG. 7

TITLE: STARTUP PROTOCOL FOR HIGH
THROUGHPUT COMMUNICATIONS ...
INVENTOR: AGAZZI
APPLICATION NO.: UNASSIGNED,
CONF. NO.    ; DOCKET NO. 13479US04
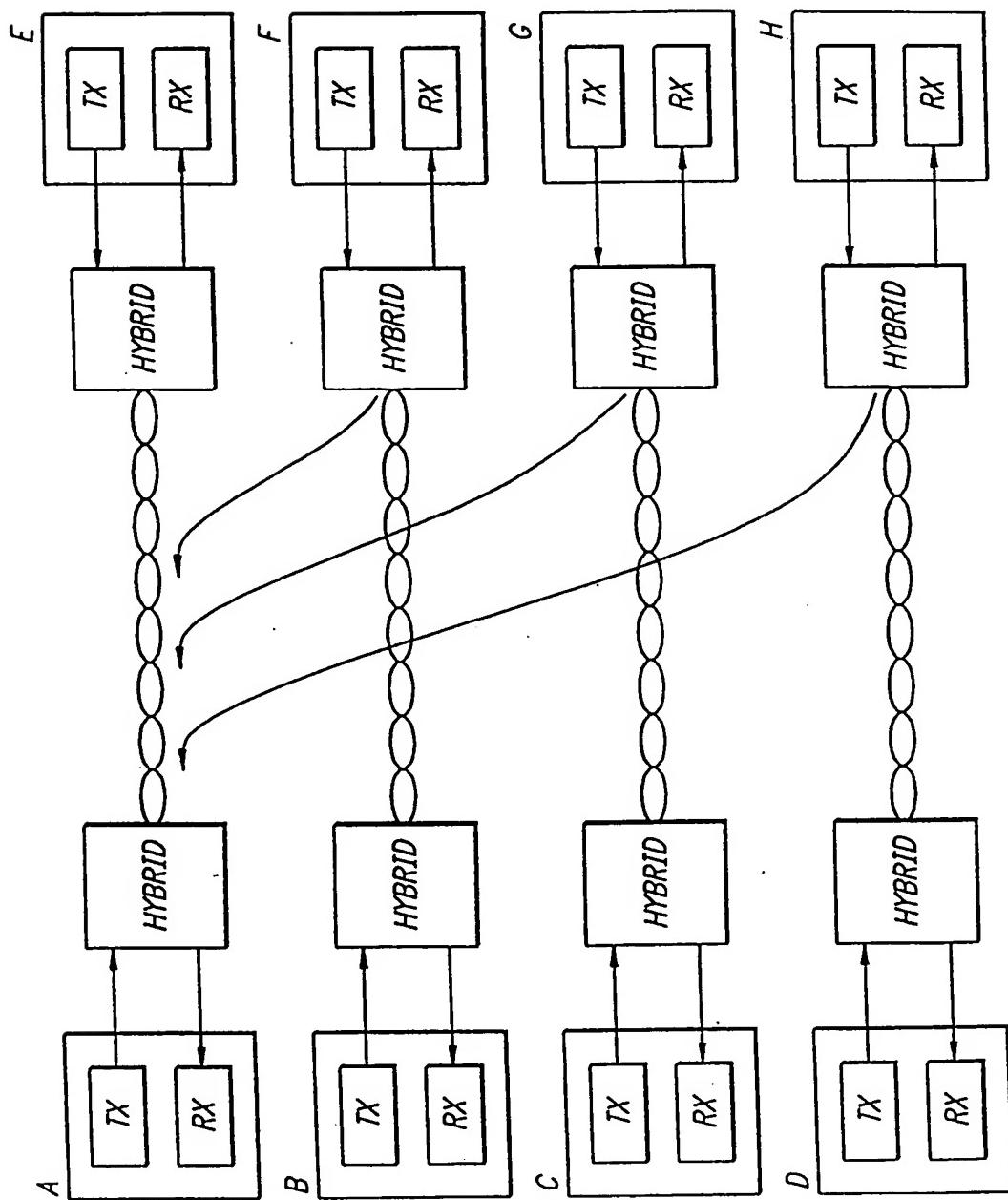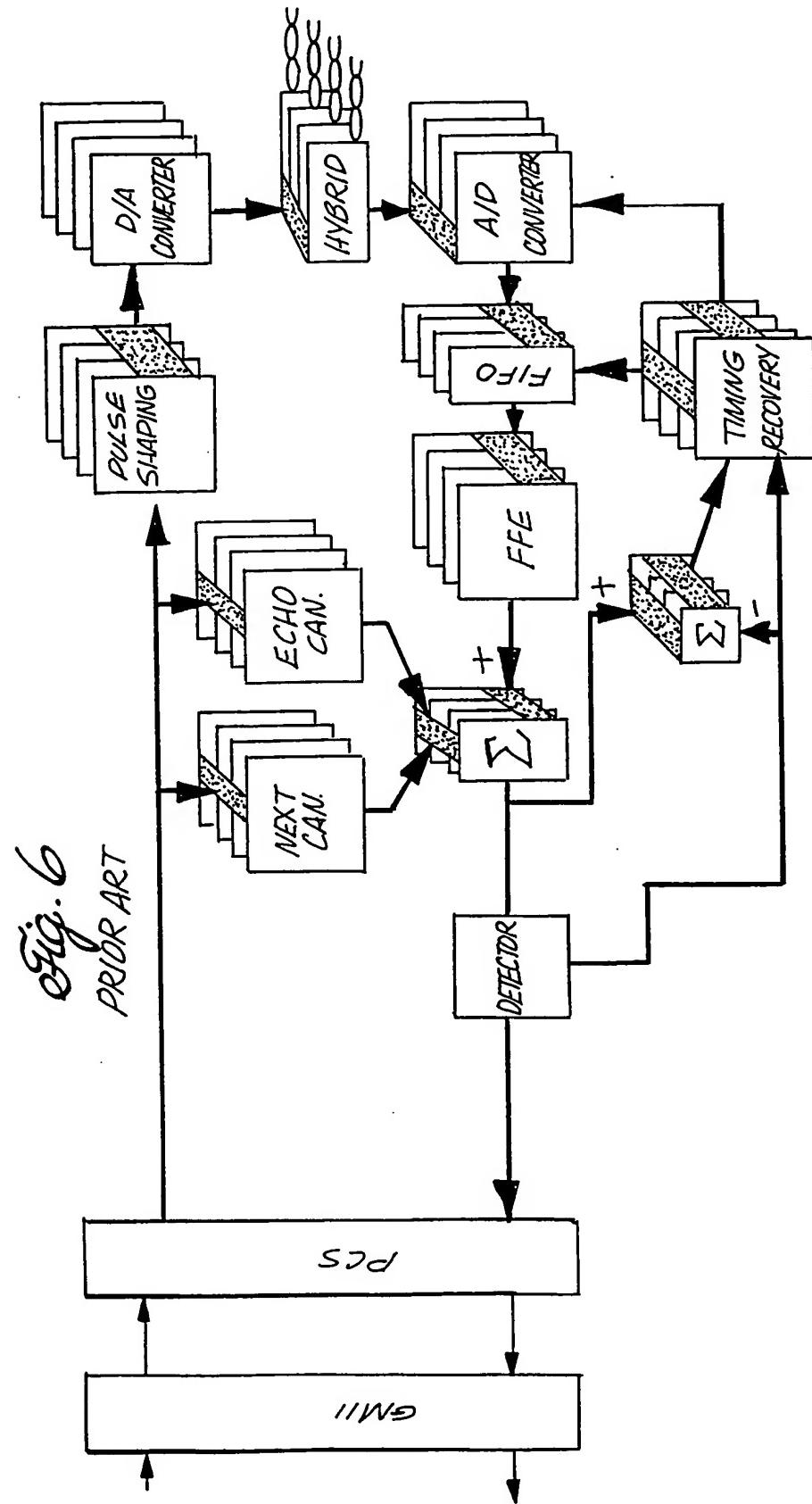ATTORNEY: JAW, PHONE: 312-775-8000

*Fig.8*

58

68    102    98

SIGA1    $+$    $\Sigma$    $f$    $\chi DEC1$

$-$    72

FEEDBACK
FILTER 1    100

58

68    102    98

SIGA2    $+$    $\Sigma$    $f$    $\chi DEC2$

$-$    72

FEEDBACK
FILTER 2    100

58

68    102    98

SIGA3    $+$    $\Sigma$    $f$    $\chi DEC3$

$-$    72

FEEDBACK
FILTER 3    100

58

68    102    98

SIGA4    $+$    $\Sigma$    $f$    $\chi DEC4$

$-$    72

FEEDBACK
FILTER 4    100

TITLE: STARTUP PROTOCOL FOR HIGH
THROUGHPUT COMMUNICATIONS ...
INVENTOR: AGAZZI
APPLICATION NO.: UNASSIGNED
CONF. NO.      ; DOCKET NO. 13479US04
ATTORNEY: JAW, PHONE: 312-775-8000


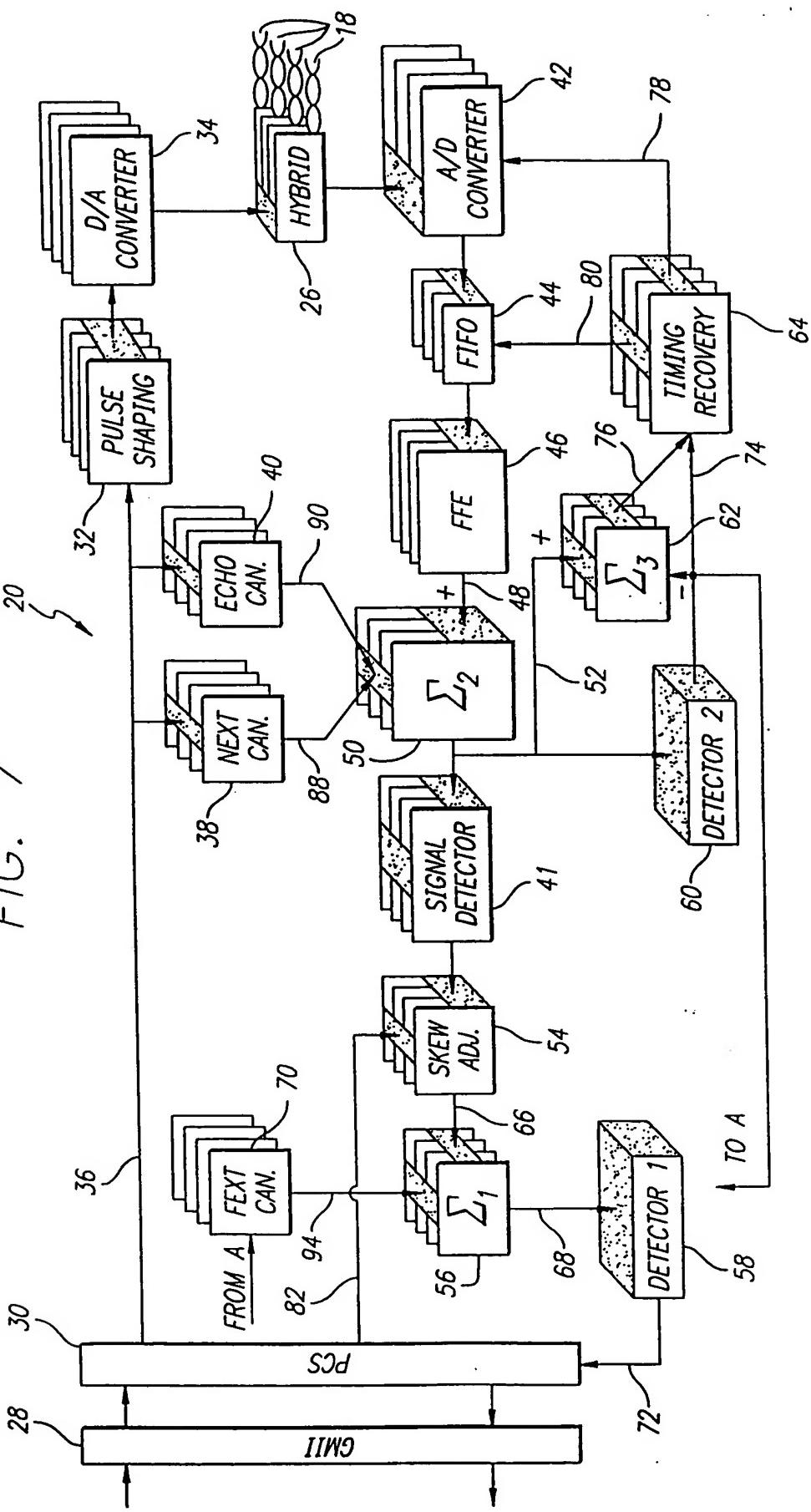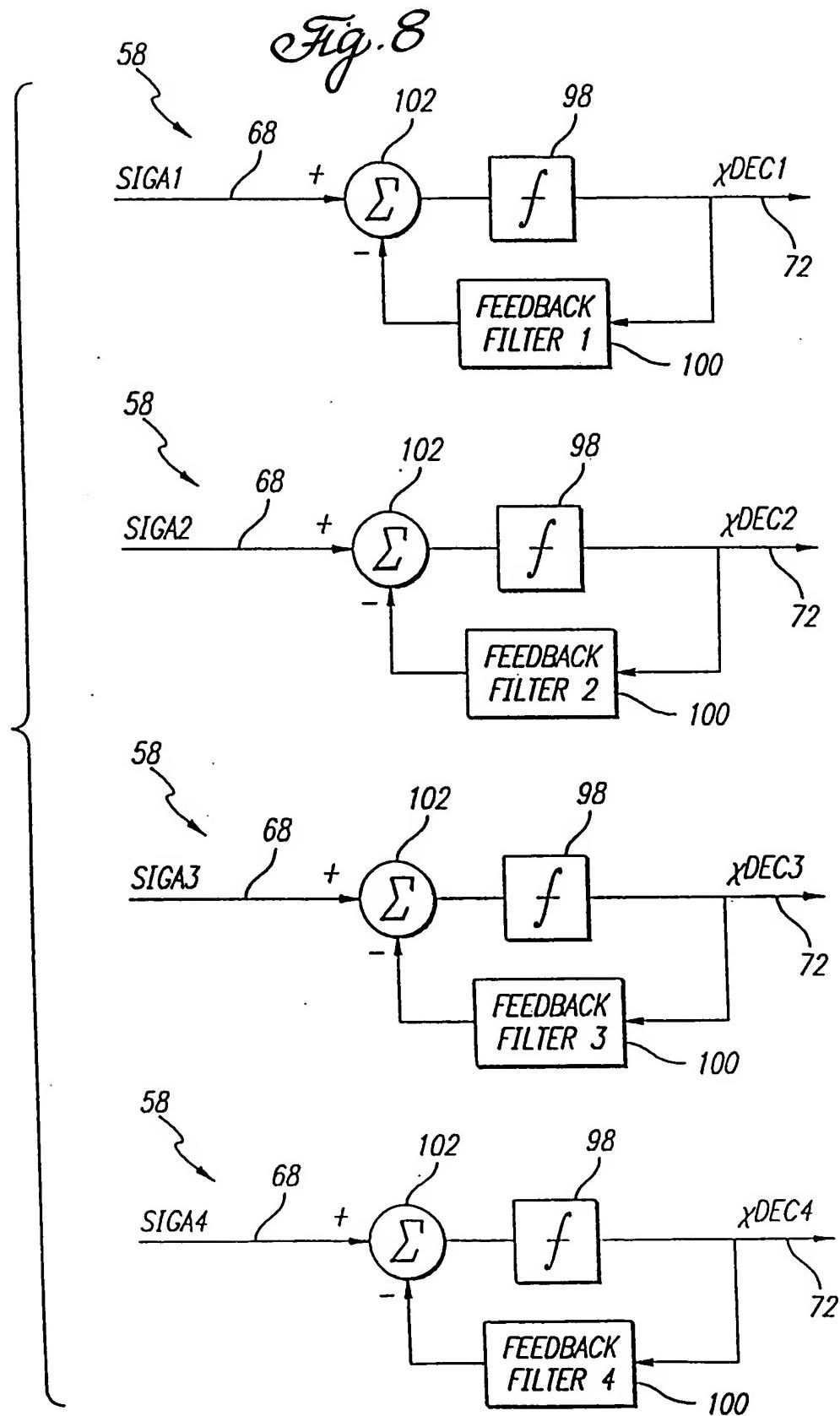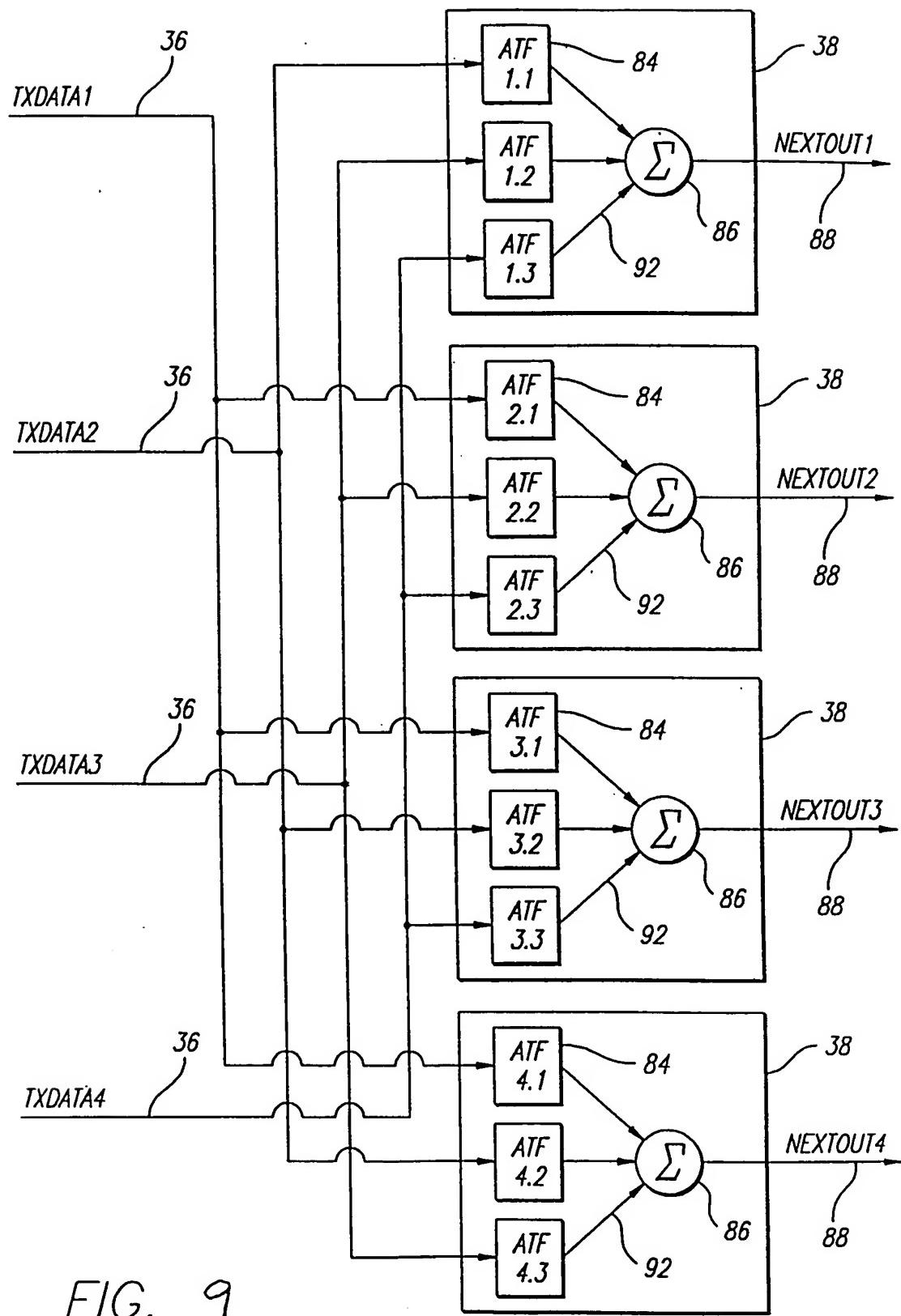
FIG. 9

TITLE: STARTUP PROTOCOL FOR HIGH
THROUGHPUT COMMUNICATIONS ...
INVENTOR: AGAZZI
APPLICATION NO.: UNASSIGNED,
CONF. NO.    ; DOCKET NO. 13479US04
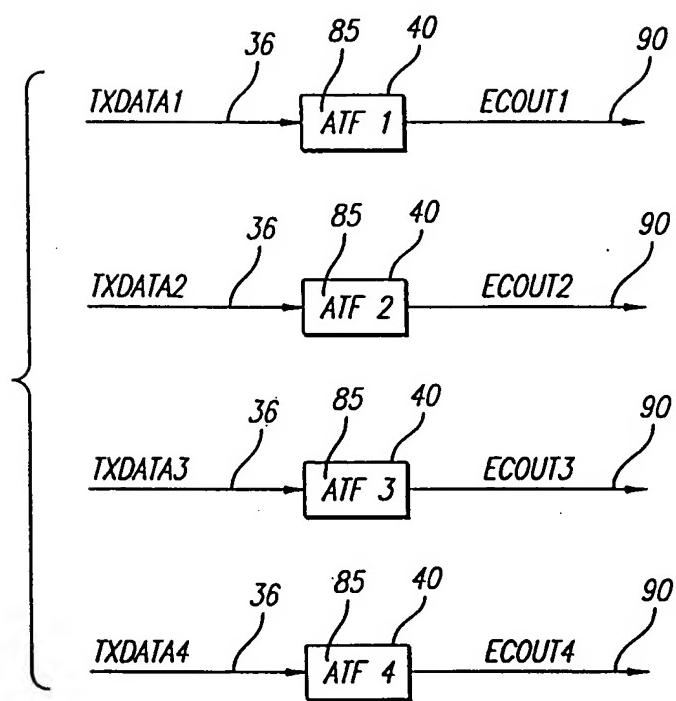ATTORNEY: JAW, PHONE: 312-775-8000

TXDATA1 —36—→ 85 40 [ ATF 1 ] ECOUT1 —90—→

TXDATA2 —36—→ 85 40 [ ATF 2 ] ECOUT2 —90—→

TXDATA3 —36—→ 85 40 [ ATF 3 ] ECOUT3 —90—→

TXDATA4 —36—→ 85 40 [ ATF 4 ] ECOUT4 —90—→

FIG. 10

TITLE: STARTUP PROTOCOL FOR HIGH
THROUGHPUT COMMUNICATIONS ...
INVENTOR: AGAZZI
APPLICATION NO.: UNASSIGNED,
CONF. NO.      ; DOCKET NO. 13479US04
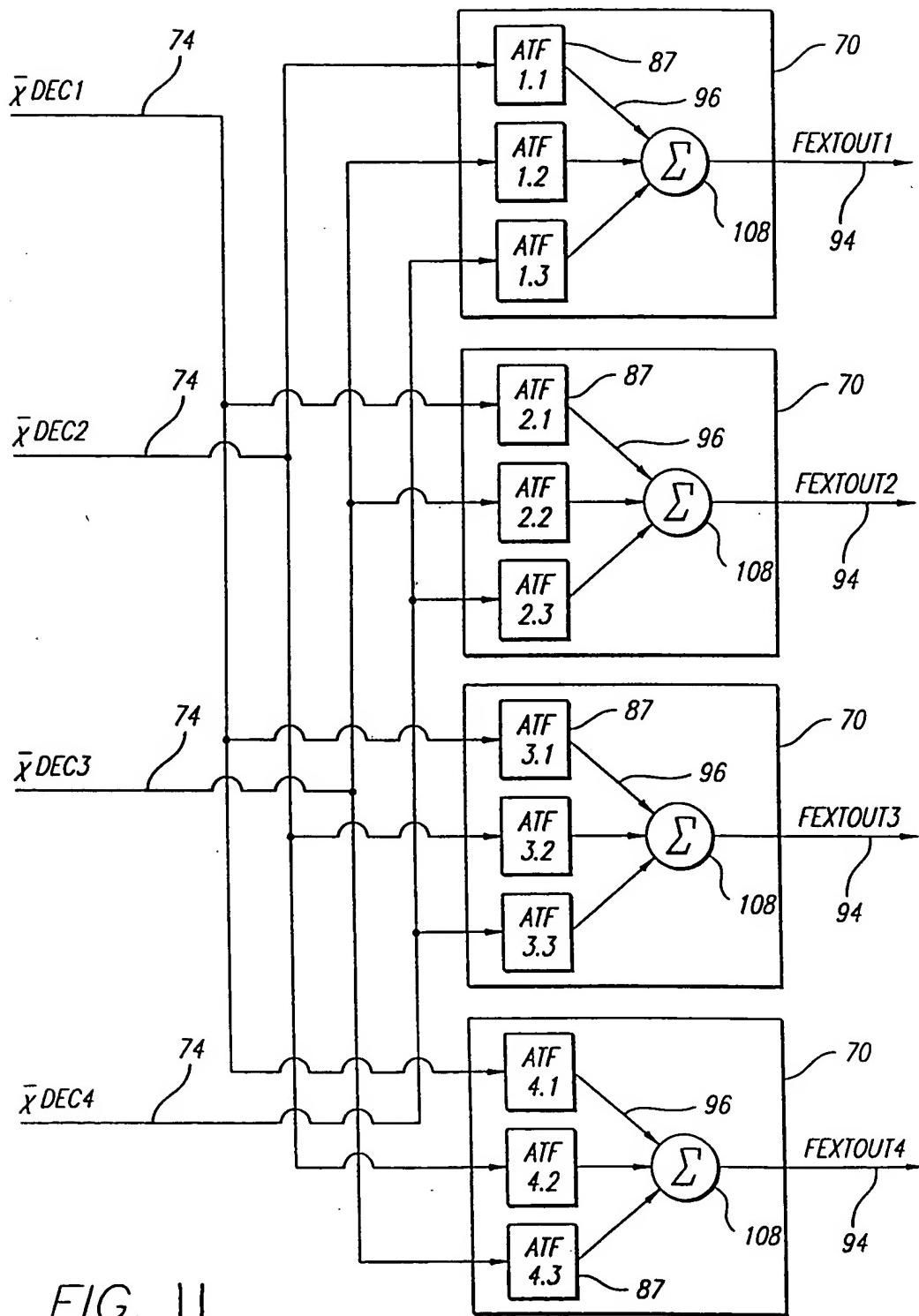ATTORNEY: JAW, PHONE: 312-775-8000



FIG. 11

TITLE: STARTUP PROTOCOL FOR HIGH
THROUGHPUT COMMUNICATIONS ...
INVENTOR: AGAZZI
APPLICATION NO.: UNASSIGNED,
CONF. NO.     ; DOCKET NO. 13479US04
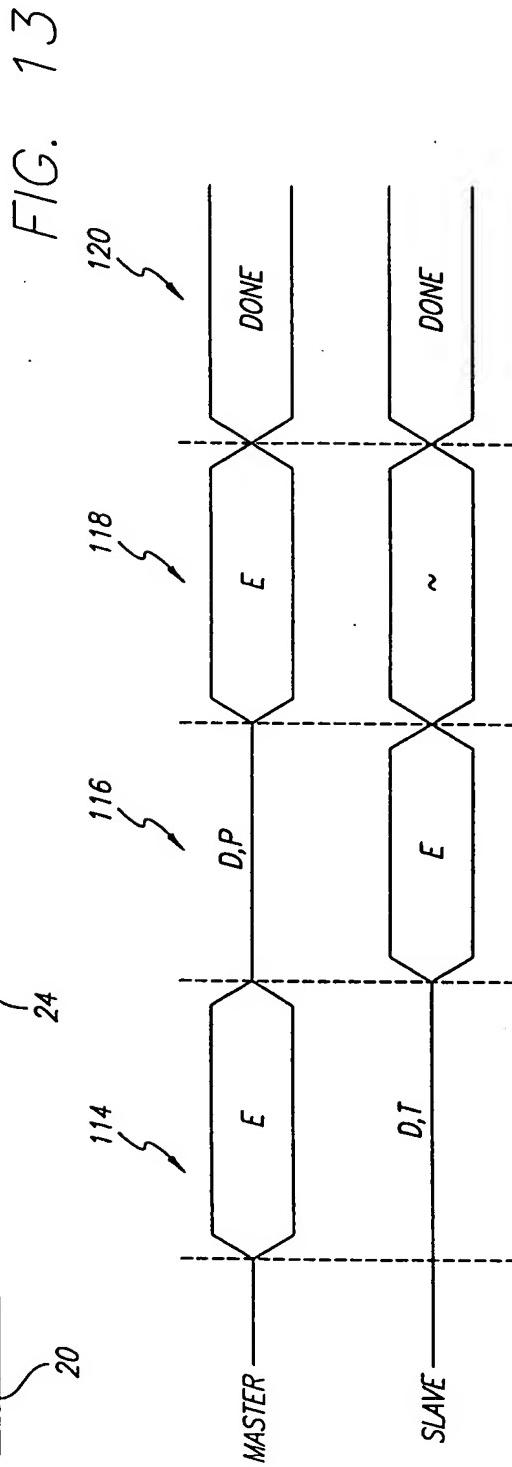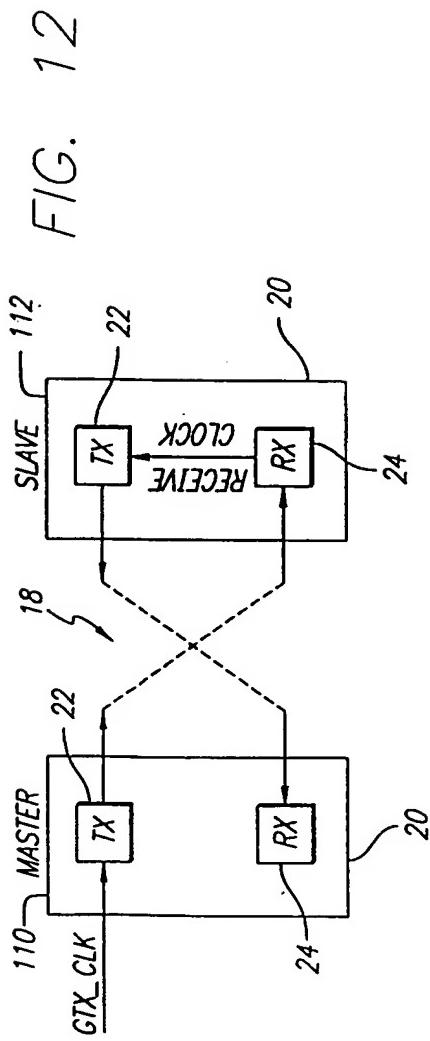ATTORNEY: JAW, PHONE: 312-775-8000

*FIG. 12*

*FIG. 13*

E = NEAR-END NOISE REDUCTION SYSTEM CONVERGENCE
D = EQUALIZER/FAR-END NOISE REDUCTION SYSTEM CONVERGENCE
P = ACQUIRE TIMING (PHASE ONLY)
T = ACQUIRE TIMING (FREQUENCY AND PHASE)